

SOVIET MATHEMATICS – DOKLADY

Tom 244–Tom 249, 1979

Vol. 20, Nos. 1–6

January–December 1979

Pages 1–1447

ANNUAL INDEX OF AUTHORS

Abramovič, Ju. A., Veksler, A. I. and Koldunov, A. V. <i>On operators preserving disjointness</i>	1089
Agaronjan, V. V. and Smirnov, Ju. M. <i>The Ljusternik-Šnirel'man category for pro-categories</i>	516
Ahiev, S. S. <i>On necessary optimality conditions for systems of functional differential equations</i>	625
Ahiezer, D. N. <i>Algebraic groups acting transitively in the complement of a homogeneous hypersurface</i>	278
Aĭrapetjan, R. A. <i>Boundary properties of an integral of Cauchy-Leray type in piecewise smooth domains in C^n</i>	519
Ajupov, Š. A. See Sarymsakov, T. A.	
Akimov, A. P. <i>On imbeddings of classical modal calculi in constructive calculi</i>	781
Akopjan, G. G. <i>An estimate of the errors of cubature formulas for differentiable functions on domains with degenerate angles</i>	921
Al'ber, Ja. I. <i>On the solution of equations and variational inequalities with maximal monotone operators</i>	871
Algazin, S. D. and Babenko, K. I. <i>On a numerical algorithm for solving an eigenvalue problem for linear differential operators</i>	143
Aliiev, R. G. <i>On the solvability of an equation with deviating argument in Hilbert spaces</i>	867
Alifanov, O. M. and Rumjancev, S. V. <i>On the stability of iterative methods for the solution of linear ill-posed problems</i>	1133
Amirov, A. H. <i>Uniqueness of the solution of the Cauchy problem for a Cauchy-Kowalewski system</i>	927
Ananov, N. G. <i>Riemannian manifolds with boundary having mean curvature that is bounded below</i>	1401
Andreev, V. B. <i>Asymptotics of the solution of the grid Laplace equation in an angle</i> ...	200
Anikonov, Ju. E. <i>Formulas and inequalities in an inverse kinematic problem</i>	311
Anisimov, A. V. <i>Church-Rosser marking transducers and decidable properties in tree processing</i>	1356
Antoncev, S. N. and Papin, A. A. <i>Approximation methods of solving problems of two-phase filtration</i>	722
Apyšev, O. D. and Otelbaev, M. <i>On the spectrum of a class of binomial operators</i>	974
Arestov, V. V. <i>On inequalities of S. N. Bernstein for algebraic and trigonometric polynomials</i>	600
Arhangel'skiĭ, A. V. <i>Cardinal invariants of topological groups. Imbeddings and condensations</i>	783
Arhipov, G. I., Karacuba, A. A. and Čubarikov, V. N. <i>The index of convergence of the singular integral in Tarry's problem</i>	978
Arkin, V. I. and Saksonov, M. T. <i>Necessary optimality conditions in control problems for stochastic differential equations</i>	1
Arov, D. Z. <i>Optimal and stable passive systems</i>	676

Babenko, K. I. See Algazin, S. D.	
Baiborodov, S. P. <i>On the approximation of functions of several variables by de la Vallée Poussin rectangular sums</i>	1241
Baklanovskaja, V. F. <i>On a method of studying the behavior of the difference of two solutions of nonlinear differential equations</i>	91
<i>An investigation of the convergence of a difference method for the Navier-Stokes and Euler equations with periodicity conditions relative to the space variables</i>	523
Bakušinskii, A. B. <i>Equivalent transformations of variational inequalities and their use</i> ...	877
Balašova, G. S. <i>Some extension theorems in a Sobolev space of infinite order and inhomogeneous boundary value problems</i>	205
<i>On some imbedding theorems for spaces of infinitely differentiable functions</i>	881
Baša, V. V. <i>Estimates of the derivatives of a solution of linear equations of elliptic and parabolic type with discontinuous coefficients</i>	1165
Bekenov, M. I. and Mustafin, T. G. <i>On rank functions, definable and indecomposable types in stable theories</i>	333
Belov, Ju. Ja. and Janenko, N. N. <i>On a regularization of Burgers' equation</i>	476
Berestovskii, V. N. <i>On homogeneous Busemann G-spaces</i>	727
Berkolaiko, M. Z. and Rutickii, Ja. B. <i>On a class of function spaces</i>	6
Bezjaev, V. I. <i>Asymptotics of the eigenvalues of hypoelliptic operators on a closed manifold</i>	148
Bogatov, M. I. <i>Degenerate elliptic problems in nonsmooth domains</i>	152
Boglaev, Ju. P. <i>The generalized Frobenius formula in singularly perturbed linear equations</i>	731
Bogovskii, M. E. <i>A solution of the first boundary value problem for the equation of continuity of an incompressible medium</i>	1094
Boimatov, K. H. <i>Pseudodifferential operators with an operator symbol</i>	10
<i>Separation theorems, weighted spaces and their applications to boundary value problems</i>	735
<i>Distribution of eigenvalues of degenerate elliptic operators</i>	1023
Bojanov, B. D. <i>Uniqueness of optimal quadrature formulas</i>	982
Bondarenko, A. A. See Platonov, V. P.	
Borodin, A. N. <i>A limit theorem for sums of independent random variables defined on a recurrent random walk</i>	528
Borovskii, Ju. V. <i>Two-sided closed ideals in the hyperenvelope of the Lie algebra $sl(2, \mathbb{C})$</i>	451
Brudnyi, Ju. A. <i>Rational approximation and imbedding theorems</i>	681
Bubnov, B. A. <i>Boundary value problems for the alternative Korteweg-de Vries equation in a bounded domain</i>	685
Buhvalov, A. V. <i>Continuity of operators in spaces of measurable vector-valued functions with applications to the study of Sobolev spaces and spaces of analytic functions in the vector-valued case</i>	480
Bulinskii, A. V. <i>The central limit theorem for random fields with strong and weak dependence</i>	929
Burkova, E. F. See Gavrilo, V. I.	
Burnašev, M. V. <i>On large deviation of the process of the likelihood ratios for estimating a distribution parameter from independent observations</i>	314

	Burnašev, M. V. <i>Asymptotic expansions of the integral risk of statistical estimators of the location parameter in a scheme of independent observations</i>	788
241	Buslaev, A. P. <i>On best approximation of the differentiation operator</i>	1099
91	Čebotarev, V. I. <i>On estimates of the rate of convergence in the central limit theorem in l_p</i>	719
	Cele, U. [Zähle]. <i>The asymptotic behavior of the flow of rare events of a Gaussian field</i>	1331
523	Černjakov, A. G. <i>Stability for finite noncooperative games</i>	820
877	Černjavskii, A. G. <i>On operator quasi-analyticity for functions of several variables</i>	69
	Černyh, N. M. See Govorov, N. V.	
205	Čerskii, Ju. I. <i>Integral equations reducing to two Riemann problems</i>	1076
881	Čikrii, A. A. <i>Nonlinear differential evasion games</i>	591
	<i>Quasilinear differential games with many participants</i>	621
165	Čirka, E. M. <i>Regularization and $\bar{\partial}$-homotopy on a complex manifold</i>	73
	<i>On removable singularities of analytic sets</i>	965
333	Čistjakov, V. P. <i>On an estimate for the Perron's root of a nonnegative matrix</i>	508
476	Čubarikov, V. N. See Arhipov, G. I.	
727	Čupahin, A. P. <i>Nontrivial conformal groups in Riemannian spaces</i>	596
6	Danilov, V. G. <i>Estimates for a pseudodifferential canonical operator with complex phase</i>	100
148	Darhovskii, B. S. and Levitin, E. S. <i>Quadratic optimality conditions for a class of non-smooth mathematical programming problems</i>	42
152	Davydov, Ju. M. <i>An investigation of the stability of difference schemes on the boundaries of the computational domain by the method of differential approximations</i> ...	210
731	Dedik, P. E. and Subin, M. A. <i>Elliptic operators in spaces of homogeneous random fields and the stabilization of solutions of parabolic equations with random coefficients</i>	1369
1094	Din'Zung and Magaril-II'jaev, G. G. <i>Problems of Bernstein and Favard type and the mean ϵ-dimension of some classes of functions</i>	1345
10	Dmitriev, M. G. See Glizer, V. Ja.	
735	Dmitriev, V. I. and Ovčinnikov, V. I. <i>On interpolation in real method spaces</i>	538
1023	Dorofeev, I. F. <i>On the solution of integral equations of the first kind in the class of functions of bounded variation</i>	215
982	Džanašija, G. A. and Oziašvili, T. S. <i>On the uniqueness of orthogonal decomposition of rings of functions on a circle</i>	1000
528	Džavadov, M. G. and Sabzaliev, M. M. <i>On a boundary value problem for a monocharacteristic equation degenerating into a monocharacteristic one</i>	833
451	Džein, Dž. E. [Jayne, J. E.] and Rodžers, K. A. [Rogers, C. A.]. <i>First level Borel isomorphisms</i>	890
681	Džrbašjan, A. M. [Jerbashian]. <i>Blaschke type functions for the half-plane</i>	607
685	Džuraev, A. <i>On the theory of systems of singular integral equations over a bounded plane domain</i>	1178
480	Egiazarjan, K. M. <i>On the structure of affine connections and tensor fields on a higher order tangent bundle</i>	543
929	Egorov, V. N. and Markov, A. I. <i>On Ádám's conjecture for graphs with circulant adjacency matrices</i>	1292
314	Ėidel'man, S. D. See Žitarasū, N. V.	
	Ėidel'man, S. L. See Kondrat'ev, V. A.	

Emelin, I. V. and Krasnosel'skii, M. A. <i>On the theory of ill-posed problems</i>	105
Eremenko, A. È. <i>On the growth of subharmonic functions on asymptotic curves</i>	943
Eršov, A. P. <i>The organization of mixed computations for recursive programs</i>	382
Fedosov, B. V. <i>On the index of elliptic systems on a manifold with boundary</i>	1128
Fragela, A. <i>On the perturbation of a polyharmonic operator by potentials with small supports</i>	272
Freidlin, M. I. (see also Gertner, Ju. [Gärtner, Jürgen])	
<i>Propagation of a concentration wave in the presence of random motion associated with the growth of a substance</i>	503
Frenkel', I. E. See Reĭman, A. G.	
Fridman, B. L. <i>On the imbedding of a strictly pseudoconvex domain in a polyhedron</i> ...	1228
Gabdulhaev, B. G. <i>Optimization of collocation methods</i>	823
Gabov, S. A. <i>On the property of destruction of solitary waves described by the Whitham equation</i>	604
Gabov, S. A. and Ševcov, P. V. <i>The angular potential on curves of bounded rotation</i>	1249
Gal'perin, G. A. <i>On systems of perfectly elastic balls moving in space or in a box</i>	282
Gavrilov, V. I. and Burkova, E. F. <i>On meromorphic functions that generate normal families on subgroups of the automorphisms of the unit disc</i>	410
Gertner, Ju. [Gärtner, Jürgen] and Freidlin, M. I. <i>On the propagation of concentration waves in periodic and random media</i>	1282
Ginzburg, V. A. <i>The method of orbits and perturbation theory</i>	1287
Glasko, V. B. See Tihonov, A. N.	
Glizer, V. Ja. and Dmitriev, M. G. <i>Singular perturbations and generalized functions</i>	1360
Gol'dšteĭn, V. M. <i>A criterion for extending functions of one of the Besov classes for plane domains</i>	633
Goličev, I. I. <i>Approximation of an element in the range of a function of an operator</i> ...	318
Golubov, B. I. <i>On the convergence of singular integrals of Gauss-Weierstrass type for functions of several variables</i>	1103
Golubov, È. A. and Sapir, M. V. <i>Varieties of finitely approximable semigroups</i>	828
Gončarskii, A. V. and Stepanov, V. V. <i>Algorithms for the approximate solution of incorrectly posed problems on certain compact sets</i>	414
<i>On uniformly approximating a solution of bounded variation for ill-posed problems</i> ...	932
Gorbacevič, V. V. <i>On the structure of compact homogeneous spaces</i>	1253
Gorjaĭnov, V. V. <i>On the parametric representation of univalent functions</i>	378
Govorov, N. V. and Černyh, N. M. <i>On tests for complete regularity of growth of some classes of entire functions of exponential type represented by Borel integrals, by Newton or Dirichlet series, or by power series</i>	1408
Grebennikov, A. I. <i>On optimal methods of solving nonlinear ill-posed problems</i>	487
Grigorenko, L. A. <i>Symmetric events in certain Markov chains</i>	885
Grigorenko, N. L. <i>On a quasilinear problem of pursuit by several objects</i>	1365
Guc, A. K. <i>A remark on the Helmholtz-Lie problem</i>	1342
Gucul, I. S. <i>On a number of compact three-dimensional manifolds of constant negative curvature</i>	996
Guličev, N. V. <i>On estimates of the norms of Fourier-Walsh sums</i>	935
Gulin, A. V. <i>On the stability with respect to initial data of nonselfadjoint difference schemes</i>	96

05	Gurevič, V. L. <i>Two-dimensional manifolds of bounded curvature</i>	638
43	Gurova, I. N. <i>On a topological method of studying difference schemes</i>	938
82	Habibullin, I. T. <i>The inverse scattering problem for difference equations</i>	1233
28	Hačijan, L. G. (see also Kozlov, M. K.)	
	<i>A polynomial algorithm in linear programming</i>	191
72	Hamitova, R. S. <i>On a basis for conservation laws of the equations of mechanics</i>	1071
	Hasanov, A. A. <i>On the asymptotics of the solution of a two-parameter singularly per-</i> <i>turbed problem in the critical case</i>	1327
03	Himčenko, B. N. See Kamynin, L. I.	
28	Hovanskii, A. G. and Hovanskii, G. S. <i>Transformation of nomograms consisting of</i> <i>aligned points and with parallel index into nomograms of equidistant points</i>	1041
23	Hovanskii, G. S. See Hovanskii, A. G.	
04	Hruščev, S. V. <i>Perturbation theorems for bases of exponentials and Muckenhoupt's</i> <i>condition</i>	665
49	Ibragimov, A. I. and Novruzov, A. A. <i>On a criterion for regularity of a boundary point</i> <i>for quasi-linear parabolic equations</i>	19
82	Ibragimov, N. H. See Žiber, A. V.	
10	Imomnazarov, B. <i>Regularization of equations of the first kind with abstract Volterra</i> <i>operator</i>	642
82	Īo, I. [Joó]. <i>Some applications of a theorem of S. Banach</i>	1373
87	Īo, I. [Joó] and Lažetič, N. <i>Derivatives of partial sums of spectral decompositions</i> <i>corresponding to nonnegative selfadjoint extensions of Sturm-Liouville opera-</i> <i>tors</i>	492
60	Isakov, V. M. <i>On the uniqueness of a solution of the inverse problem of potential</i> <i>theory</i>	387
33	Isakova, E. K. <i>Some generalizations of the method of stationary phase</i>	220
18	Ivanov, N. V. <i>Homotopy of spaces of automorphisms of some three-dimensional mani-</i> <i>folds</i>	47
03	Ivanov, V. K. <i>On the algebra of elementary generalized functions</i>	553
28	Jagola, A. G. <i>On the choice of regularization parameter from the generalized residual</i> <i>principle</i>	275
14	<i>A generalized residual principle in reflexive spaces</i>	1237
32	Jančevskii, V. I. See Platonov, V. P.	
253	Janenko, N. N. (see also Belov, Ju. Ja.)	
378	Janenko, N. N. and Vorožcov, E. V. <i>On the theory of differential analyzers of contact</i> <i>discontinuities</i>	670
408	Kac, B. A. <i>On the Riemann boundary value problem with coefficient admitting discon-</i> <i>tinuities of oscillatory type</i>	77
487	Kaĭmanovič, V. A. See Veršik, A. M.	
885	Kamynin, L. I. and Himčenko, B. N. <i>Investigations on the isotropic strict extremum</i> <i>principle</i>	224
365	<i>On uniqueness of the solution of the Cauchy problem for a second order parabolic</i> <i>equation with nonnegative characteristic form</i>	1004
342	Kanevskii, V. A. and Lev, G. Š. <i>Sequences of points distributed in an infinite-dimensional</i> <i>space</i>	946
996	Karacuba, A. A. See Arhipov, G. I.	
935	Karakozov, S. D. See Vuvunikjan, Ju. M.	
96		

Karlovič, Ju. I. and Kravčenko, V. G. <i>On integro-differential equations with a non-Carleman shift in the space $L_2^q(0, 1)$</i>	455
Katrahova, A. A. <i>On approximation of solutions of some singular elliptic boundary value problems</i>	1193
Kažihov, A. V. and Nikolaev, V. B. <i>On the theory of the Navier-Stokes equations of a viscous gas with nonmonotone state function</i>	583
Kerdman, F. S. <i>On global analytic Moufang loops</i>	1297
Kiselev, V. Ju. <i>Almost periodic Fourier integral operators and hyperbolic equations in spaces of almost periodic functions</i>	23
Klebanov, B. S. <i>On the metrization of φ-spaces</i>	557
Kleiman, Ju. G. <i>Identities and some algorithmic problems in groups</i>	115
Klibanov, M. V. <i>On inverse problems for a quasilinear parabolic equation</i>	322
Koldunov, A. V. See Abramovič, Ju. A.	
Komeč, A. I. See Višik, M. I.	
Kondakov, V. P. <i>On orderable absolute bases in F-spaces</i>	749
Kondrat'ev, V. A. and Ėidel'man, S. L. <i>On conditions on the boundary surface in the theory of elliptic boundary value problems</i>	561
Kordadze, R. A. <i>On the reduction method for homogeneous infinite systems of linear integral equations of Fredholm type</i>	51
Korneičuk, N. P. <i>Widths in L_p of classes of continuous and differentiable functions and optimal reconstruction of functions and their derivatives</i>	229
Korobov, N. M. <i>On trigonometric sums</i>	249
Korobov, V. I. <i>A solution of the problem of synthesis using a controllability function</i> ...	1112
Košmanenko, V. D. See Vollenberg [Wollenberg], M.	
Košmanenko, V. D. <i>An operator representation for nonclosable quadratic forms and the scattering problem</i>	294
Kovenja, V. M. <i>A numerical method of solving the gas dynamical Navier-Stokes equations</i>	646
Kožanov, A. I. <i>A boundary value problem for a class of third order equations</i>	1301
Kozlov, M. K., Tarasov, S. P. and Hačijan, L. G. <i>Polynomial solvability of convex quadratic programming</i>	1108
Kozlov, V. V. <i>Topological obstructions to the integrability of natural mechanical systems</i>	1413
Krasnosel'skii, M. A. (see also Emelin, I. V.)	
Krasnosel'skii, M. A. and Pokrovskii, A. V. <i>Equations with discontinuous nonlinearities</i>	1117
Kravčenko, V. G. See Karlovič, Ju. I.	
Krein, M. G. and Nudel'man, A. A. <i>On direct and inverse problems for the boundary dissipation frequencies of a nonuniform string</i>	838
Kresin, G. I. and Maz'ja, V. G. <i>On the essential norm of an operator of double layer potential type in the space C_m</i>	459
Kričever, I. M. and Novikov, S. P. <i>Holomorphic fiberings and nonlinear equations. Finite zone solutions of rank 2</i>	650
Kriksin, Ju. A. See Tihonov, A. N.	
Krivenkov, Ju. P. <i>Optimality conditions for a quasilinear problem with partial differential equations in the presence of phase constraints</i>	1197
Kruglikov, V. I. and Paikov, V. I. <i>Continuous mappings with finite Dirichlet integral</i> ...	1376

Krylov, N. V. <i>On the theory of controlled diffusion processes</i>	298
Krylov, N. V. and Rozovskii, B. L. <i>Itô equations in Banach spaces and strongly parabolic stochastic partial differential equations</i>	1267
Krylov, N. V. and Safonov, M. F. <i>An estimate of the probability that a diffusion process hits a set of positive measure</i>	253
Kučerenko, V. V. and Osipov, Ju. V. <i>Asymptotic solutions of a hyperbolic equation with characteristics of variable multiplicity</i>	1272
Kučerenko, V. V. and Popov, V. A. <i>On high frequency oscillations of plates</i>	120
Kudrinskii, V. Ju. See Ljaško, I. I.	
Kun, L. A. and Ljubić, Ju. I. <i>Convergence to equilibrium under the action of additive selection in a multilocus multiallelic population</i>	1380
Kurylev, Ja. V. <i>On the asymptotics of the spectral function of a second-order elliptic differential operator</i>	54
Kutateladze, S. S. <i>Convex ϵ-programming</i>	391
Kuzičev, A. S. <i>Classes of objects having normal forms in the system of λ-conversion with logical operators</i>	1202
Kuz'minyh, A. V. <i>On the characterization of isometric and similarity mappings</i>	82
Kuznecov, A. V. and Raca, M. F. <i>A criterion for functional completeness in the classical first-order predicate logic</i>	1305
Lar'kin, N. A. <i>On a class of quasi-linear hyperbolic equations having global solutions</i>	28
Lavrent'ev, M. M. and Reznickaja, K. G. <i>An inverse problem with unknown source</i>	1416
Lavrent'ev, M. M. and Temirbulatov, S. I. <i>On the theory of a mixed problem for the wave equation</i>	157
Lavrik, A. V. <i>An analytic method of estimating trigonometric sums over primes in arithmetic progression</i>	1121
Lažetič, N. (see also Ió, I. [Joó])	
Uniform estimates for the first derivatives of the eigenfunctions of the Sturm-Liouville operator with potential of class L^1	1419
Lazutkin, V. F. <i>An estimate of the length of the gaps in the spectrum of the Laplace operator for a plane convex domain</i>	256
Le Hyu, Zien and Ševčenko, V. I. <i>Homological classification of systems in the plane that are Douglas-Nirenberg elliptic</i>	125
Leonov, A. S. <i>On algorithms for an approximate solution of nonlinear ill-posed problems with a perturbed operator</i>	301
On functions of bounded generalized variation.....	1349
Lev, G. Š. See Kanevskii, V. A.	
Levendorskii, S. Z. <i>Algebras of pseudodifferential operators with discontinuous symbols</i>	1045
Levenštejn, V. I. <i>On bounds for packings in n-dimensional Euclidean space</i>	417
Levickii, B. E. and Mitjuk, I. P. "Restricted" theorems on space moduli.....	1049
Levitin, E. S. (see also Darhovskii, B. S.)	
On second order conditions in nonsmooth mathematical programming problems with an application to minimax in bound variables.....	59
Lifanov, I. K. <i>On inversion formulas for multidimensional singular integrals</i>	1421
Lin, V. Ja. See Zaidenberg, M. G.	
Liskovec, O. A. <i>Discrete schemes in the regularization method for ill-posed extremal problems</i>	1147

Ljaško, I. I., Kudrinskii, V. Ju., and Ostapčuk, V. S. <i>On the solution of ill-conditioned systems of equations with positive definite matrices</i>	325
Ljaško, S. I., <i>A method of finding an approximate solution of the Cauchy problem with an operator coefficient of hyperbolic type</i>	753
Ljubič, Ju. I. See Kun, L. A.	
Ljubič, M. Ju. <i>On the logarithmic property of the degree of a finite group</i>	798
Loginov, B. V. <i>On invariant solutions in branching theory</i>	586
Lomov, I. S. <i>Certain properties of spectral decompositions connected with Sturm-Liouville operators</i>	1125
<i>Estimates for the eigenfunctions and associated functions of an operator of Sturm-Liouville type</i>	1152
Lumel'skii, Ja. P. and L'vovskii, Ja. M. <i>Asymptotic formulas for multidimensional Pólya distributions</i>	494
L'vovskii, Ja. M. See Lumel'skii, Ja. P.	
Magaril-Il'jaev, G. G. See Din'Zung.	
Maksimova, L. L., Skvorcov, D. P. and Šehtman, V. B. <i>The impossibility of a finite axiomatization of Medvedev's logic of finitary problems</i>	394
Maksudov, F. G. and Pašaeva, Ė. Ė. <i>On a multiple expansion in eigenfunctions</i>	1310
Maljutov, M. B. and Mateev, P. S. <i>Designing screening experiments for a nonsymmetric response function</i>	32
Malyhin, V. I. <i>On Ramsey spaces</i>	894
Mamatov, Ju. A. <i>Concerning a principle for obtaining lower bounds on the complexity of formulas</i>	339
<i>On a principle for obtaining high (exponential for some parameter values) lower bounds for the complexity of disjunctive normal forms</i>	399
Markov, A. I. See Egorov, V. N.	
Martirosjan, V. M. <i>Closure and basicity of certain biorthogonal systems and the solution of the multiple interpolation problem in $H_p[\alpha; \omega]$</i>	260
Martynjuk, A. A. <i>A generalization of the second theorem of N. N. Bogoljubov's averaging principle</i>	1208
Mateev, P. S. See Maljutov, M. B.	
Maz'ja, V. G. (see also Kresin, G. I.)	
Maz'ja, V. G. and Šapošnikova, T. O. <i>On multipliers in function spaces with fractional derivatives</i>	160
Mednyh, A. D. <i>On unramified coverings of compact Riemann surfaces</i>	85
Meirmanov, A. M. <i>On classical solvability of the multidimensional Stefan problem</i>	1426
Meleško, V. I. <i>On properties of pseudoinverse operators in Banach spaces</i>	1383
Mihailjuk, M. V. <i>On the complexity of calculating the elementary symmetric functions in finite fields</i>	170
Mihailov, L. G. <i>On compatibility conditions and the manifold of solutions of the generalized Cauchy-Riemann system in several variables</i>	1430
Mikljukov, V. M. <i>On some properties of tubular minimal surfaces in R^n</i>	756
Milka, A. D. <i>Shortest arcs on convex surfaces</i>	949
Minasjan, I. S. <i>The theorem on the expansion of all the zeros of a polynomial in absolutely convergent series</i>	166
Mitjuk, I. P. See Levickii, B. E.	

325	Mjasnikov, A. G. <i>On singular integral operators with non-Carleman shift and piecewise continuous coefficients</i>	422
	Moiseev, E. M. <i>On the Tricomi problem for the Gellerstedt equation</i>	463
753	Molčanov, S. A. and Stepanov, A. K. <i>Bursts of a Gaussian field above an elevated level</i> ...	1277
	Morozov, S. F. and Sumin, V. I. <i>Optimization of nonlinear transport processes</i>	802
798	Morozov, V. A. <i>On the solution of operator equations of the first kind by the method of finite-rank approximations</i>	899
586	Mustafin, T. G. See Bekenov, M. I.	
125	Nazarov, S. A. <i>The method of M. I. Višik and L. A. Ljusternik in domains with conical points</i>	426
152	Nefedov, V. N. <i>Methods of regularizing three-stage convex lexicographic problems</i>	1388
	Nepomnjaščii, G. M. <i>On multiplicative extension operators</i>	431
494	Nikolaev, V. B. See Kazihov, A. V.	
	Nikulin, V. V. <i>On factor groups of the automorphism groups of hyperbolic forms, modulo subgroups generated by 2-reflections</i>	1156
394	Novikov, S. Ja., Semenov, E. M. and Tokarev, E. V. <i>The structure of subspaces of the Space $\Lambda_p(\varphi)$</i>	760
310	Novikov, S. P. See Kričever, I. M.	
	Novruzov, A. A. (see also Ibragimov, A. I.)	
32	<i>On the Dirichlet problem for second order elliptic equations</i>	437
894	Nudel'man, A. A. See Kreĭn, M. G.	
	Ol'sanskii, A. Ju. <i>Infinite groups with cyclic subgroups</i>	343
339	Orazov, M. B. <i>On the completeness of systems of elementary solutions for some differential operator equations on a half-line and on an interval</i>	347
399	Osilenker, B. P. <i>On weighted polynomial approximation of functions of several variables by linear means</i>	904
	Osipov, Ju. V. See Kučerenko, V. V.	
260	Oskolkov, K. I. <i>On the optimality of the quadrature formula with equidistant nodes on classes of periodic functions</i>	1211
1208	Ošman, E. V. <i>On the points of continuity of a metric projection in a space of continuous functions</i>	842
	Ostapčuk, V. S. See Ljaško, I. I.	
	Otelbaev, M. (see also Apysev, O. D.)	
160	<i>Estimates for the approximation numbers of operators connected with elliptic equations</i>	1053
85	Ovčinnikov, V. I. See Dmitriev, V. I.	
1426	Oziašvili, T. S. See Džanašija, G. A.	
1383	Paikov, V. I. See Kruglikov, V. I.	
170	Pal'cev, B. V. <i>On a class of convolution equations on a finite interval</i>	660
	Papin, A. A. See Antoncev, S. N.	
1430	Pašaeva, Ė. Ė. See Maksudov, F. G.	
756	Pavlov, B. S. <i>The partial scattering matrix, its factorization and analyticity</i>	64
949	<i>Basicity of an exponential system and Muckenhoupt's condition</i>	655
	Pavlovskii, D. S. <i>Spaces of open sets and spaces of continuous functions</i>	564
166	Pčelin, B. K. <i>A basic formula for the representation of subharmonic functions in the classical case of an arbitrary integral order</i>	1218

Pesenson, I. Z. <i>On interpolation spaces on Lie groups</i>	611
Petrenko, V. P. <i>On the growth of entire curves and algebroid functions</i>	1058
Petruško, I. M. <i>On the first mixed problem for parabolic equations of second order</i>	1009
Phedotov, V. P. <i>A new method of proving inequalities between mixed volumes, and a generalization of the Aleksandrov-Fenchel-Shepard inequalities</i>	268
Piĉ, A. [Albrecht Pietsch]. <i>s-numbers and eigenvalues of operators in Banach spaces</i>	846
<i>Eigenvalues of integral operators</i>	908
Piĉugov, S. A. <i>On the multidimensional Jackson theorem for linear polynomial approximations</i>	353
Pilidi, V. S. and Sazonov, L. I. <i>On bisingular integral operators in spaces of Hölder functions</i>	467
Pimenova, L. M. <i>On Lebesgue functions for some interpolation polynomials in two variables</i>	1215
Pinĉuk, S. I. <i>Biholomorphic inequivalence of bounded domains with smooth and piecewise smooth boundaries</i>	762
Plamenevskii, B. A. <i>On algebras generated by pseudodifferential operators with isolated singularities of symbols</i>	1013
Platonov, V. P. <i>On the problem of rationality of spinor varieties</i>	1027
<i>On reduced K-theory for n-fold Hensel fields</i>	1436
Platonov, V. P. and Janĉevskii, V. I. <i>SK_1 for division rings of noncommutative rational functions</i>	1393
Platonov, V. P. and Rapinĉuk, A. S. <i>On the group of rational points of three-dimensional groups</i>	693
Platonov, V. P., Bondarenko, A. A. and Rapinĉuk, A. S. <i>Class numbers of algebraic groups</i>	264
Pohožaev, S. I. <i>On an approach to nonlinear equations</i>	912
Pokrovskii, A. V. (see also Krasnosel'skii, M. A.) <i>The limiting norm of a linear operator and its applications</i>	1314
Ponomarev, S. M. <i>On the theory of boundary value problems for equations of mixed type in three-dimensional domains</i>	617
<i>On an eigenvalue problem</i>	1398
Popov, N. N. <i>Geometric ergodicity of Markov chains with arbitrary phase space</i>	807
Popov, V. A. See Kuĉerenko, V. V.	
Popov, V. L. <i>Hilbert's theorem on invariants</i>	1318
Prjažinskii, V. I. and Suško, V. G. <i>Small parameter asymptotics of some solutions of the Cauchy problem for a quasilinear parabolic equation</i>	698
Pugaĉev, V. S. <i>Recursive estimation of variables and parameters in Markov systems at discrete measurements</i>	175
Raca, M. F. See Kuznecov, A. V.	
Radkeviĉ, E. V. <i>On an approach to the solution of problems in filtration theory</i>	1440
Radžabov, N. <i>Uniqueness theorems for solutions of a problem of Dirichlet or Neumann type for a general singular second order equation of elliptic type</i>	441
Raĭtum, U. Ė. <i>On optimal control problems for linear elliptic equations</i>	129
Rapinĉuk, A. S. See Platonov, V. P.	
Razbaev, I. V. <i>Stable von Neumann-Gale models</i>	953

11	Reĭman, A. G., Semenov-Tjan-Šanskii, M. A. and Frenkel', I. E. <i>Graded Lie algebras and completely integrable dynamical systems</i>	811
58	Reznickaja, K. G. See Lavrent'ev, M. M.	
09	Rodžers, K. A. [Rogers, C. A.]. See Džein, Dž. E. [Jayne, J. E.]	
68	Romanko, V. K. <i>On conjugation problems for some partial differential equations</i>	133
46	Romanova, S. E. <i>On the solution by the Schwartz alternating method of a mixed boundary-value problem for the Laplace difference equation of stepwise regions</i>	329
08	Rozovskii, B. L. See Krylov, N. V.	
53	Rubin, B. S. and Volodarskaja, G. F. <i>An imbedding theorem for convolutions on a finite interval and its application to integral equations of the first kind</i>	234
67	Rumjancev, S. V. See Alifanov, O. M.	
15	Rusev, P. K. <i>On the representation of analytic functions by series of Laguerre polynomials</i>	1221
62	Rutickii, Ja. B. See Berkolaiko, M. Z.	
13	Saakjan, A. A. <i>On properties of the Fourier coefficients of a composition of functions</i>	1018
27	Šabat, A. B. See Žiber, A. V.	
36	Sabel'fel'd, K. K. <i>On the application of the balayage and averaging operators for the construction of algorithms in the Monte Carlo method</i>	850
93	Sabzaliev, M. M. See Džavadov, M. G.	
93	Šackii, V. P. <i>On a boundary value problem for singular symmetric systems of odd order</i>	1080
64	Sadovskii, A. L. <i>A game approach to the solution of mathematical programming problems</i>	446
12	Sadyhov, V. È. <i>On the asymptotics of a class of double integrals depending on two parameters</i>	858
14	Safonov, M. F. See Krylov, N. V.	
17	Saksonov, M. T. See Arkin, V. I.	
98	Šalaevskii, O. V. <i>Theorems on large deviations in a scheme for smoothing observations with unknown weights</i>	776
07	Sapir, M. V. See Golubov, È. A.	
18	Šaponšnikova, T. O. See Maz'ja, V. G.	
98	Šarafutdinov, V. A. <i>On the recovery of Lambert's optical curve from two of its representations</i>	1334
75	Sarymsakov, T. A. and Ajupov, Š. A. <i>Partially ordered Jordan algebras</i>	1352
40	Savel'ev, L. Ja. <i>Inductive limits of sequences of continuous measures</i>	854
41	Sazonov, A. Ju. <i>On the Fourier method for some singular hyperbolic equations</i>	1063
29	Sazonov, L. I. See Pilidi, V. S.	
53	Ščepin, E. V. <i>On Tychonoff manifolds</i>	511
	Šehtman, V. B. See Maksimova, L. L.	
	Semenov, E. M. See Novikov, S. Ja.	
	Semenov-Tjan-Šanskii, M. A. See Reĭman, A. G.	
	Semovskii, S. V. <i>Operator-stable laws of distribution</i>	139
	<i>The central limit theorem for sums of random vectors normalized by linear operators</i>	356
	Šen', A. H. <i>The priority method and separation problems</i>	1159

Šereševskii, I. A. <i>Quantization in cotangent bundles</i>	402
Ševčenko, V. I. See Zien, Le Hyu	
Ševcov, P. V. See Gabov, S. A.	
Šidlovskii, A. B. <i>On arithmetic properties of the values of E-functions at algebraic points</i>	969
Sindalovskii, G. H. <i>On the differentiability and analyticity of univalent mappings</i>	1444
Šiškin, G. I. <i>The numerical solution of elliptic equations with a small parameter at the leading derivatives</i>	368
Skriganov, M. M. <i>On the Bethe-Sommerfeld conjecture</i>	89
<i>Proof of the Bethe-Sommerfeld conjecture in dimension two</i>	956
Skvorcov, D. P. (see also Maksimova, L. L.)	
<i>Logic of infinite problems and Kripke models on atomic semilattices of sets</i>	360
Smirnov, Ju. M. See Agaronjan, V. V.	
Sobolev, S. L. <i>On the asymptotics of the roots of the Euler polynomials</i>	306
<i>More on the zeros of Euler polynomials</i>	364
Šokin, Ju. I. and Urusov, A. I. <i>Difference schemes in spaces of generalized functions and their differential representations</i>	1085
Soltan, P. S. See Soltan, V. P.	
Soltan, V. P. and Soltan, P. S. <i>d-convex functions</i>	1323
Sprindžuk, V. G. <i>Hilbert's irreducibility theorem and rational points on algebraic curves</i>	701
Stepanov, A. K. See Molčanov, S. A.	
Stepanov, V. V. See Gončarskii, A. V.	
Šubin, M. A. See Dedik, P. E.	
Suharev, A. G. <i>Optimal numerical integration formulas for some classes of functions of several variables</i>	472
Suhov, Ju. M. <i>The strong solution of the chain of Bogoljubov equations in one-dimensional classical statistical mechanics</i>	179
Suleimanov, N. M. <i>On the behavior of solutions of second order nonlinear elliptic equations with linear principal part</i>	815
Sumin, V. I. See Morozov, S. F.	
Suprunenko, D. A. <i>On unipotent matrix groups over a division ring</i>	706
Šurygin, V. A. <i>Bounds on the complexity of normal algorithms</i>	195
Suščanskii, V. I. <i>Periodic p-groups of permutations and the unrestricted Burnside problem</i>	766
Suško, V. G. See Prjažinskii, V. I.	
Tanana, V. P. <i>On the solution of implicit operator equations of the first kind and their applications</i>	183
Tarasov, S. P. See Kozlov, M. K.	
Tavhelidze, I. N. <i>On the solutions of polyharmonic equations with Dirichlet boundary conditions</i>	709
Temirbulatov, S. I. See Lavrent'ev, M. M.	
Temljakov, V. N. <i>Approximation of periodic functions of several variables with bounded mixed derivative</i>	1032
Terleckii, Ju. A. <i>Gibbs random fields in a low-temperature region</i>	499

02	Tihonov, A. N., Glasko, V. B. and Kriksin, Ju. A. <i>On the question of quasi-optimal choice of a regularized approximation</i>	1036
	Timan, A. F. See Vestfrid, I. A.	
69	Tjurikov, E. V. <i>The nonlinear Riemann-Hilbert boundary value problem for quasilinear elliptic systems</i>	863
44	Tokarev, E. V. See Novikov, S. Ja.	
68	Tolstonogov, A. A. <i>On differential inclusions in Banach spaces and continuous selections</i>	186
89	On properties of solutions of differential inclusions in a Banach space.....	960
56	Truhil'o [Trujillo], R. See Vasilevskii, N. L.	
60	Tvorogov, V. B. <i>The sharp front and singularities of solutions of a class of nonhyperbolic equations</i>	240
64	Uglanov, A. V. <i>Surface integrals and differential equations on an infinite-dimensional space</i>	917
85	Ugol'nikov, A. B. <i>The synthesis of schemes and formulas in incomplete bases</i>	1224
23	Uol's, T. R. [Walsh, T. R. S.]. <i>Counting three-connected graphs</i>	714
701	Urusov, A. I. See Šokin, Ju. I.	
	Uščumlić, S. M. [Uščumlić]. <i>Investigation of some algorithms in the analysis and synthesis of automata</i>	771
	Usov, V. V. <i>On conformal mappings of manifolds of bounded curvature</i>	1068
	Vabiščević, P. N. <i>On the uniqueness of some external inverse problems for a metaharmonic potential</i>	372
	Vahutinskii, I. Ja. <i>A process of iterative aggregation for solving the problem of convex partially separable programming</i>	1137
472	Valedinskii, V. D. <i>A solution of the problem of contact between elastic and incompressible media</i>	740
179	Vaščenko, V. P. <i>On the computation of all nontrivial simple decompositions of a function of the algebra of logic</i>	629
815	Vasil'čik, M. Ju. <i>The asymptotic behavior of minimal quasiconformality coefficients for space domains</i>	1338
706	Vasil'ev, F. P. <i>On search methods for the optimum time in dynamic pursuit-evasion games with programmed control</i>	531
195	Vasilevskii, N. L. and Truhil'o [Trujillo], R. <i>On Φ_R-operators in matrix algebras of operators</i>	406
766	Veksler, A. I. See Abramovič, Ju. A.	
	Venkov, A. B. <i>The Artin-Takagi formula for Selberg's zeta-function and the Roelck conjecture</i>	745
183	Veršik, A. M. and Kaĭmanovič, V. A. <i>Random walks on groups: boundary, entropy, uniform distribution</i>	1170
	Vestfrid, I. A. and Timan, A. F. <i>On a universal property of Hilbert spaces</i>	485
709	Vinogradov, A. M. <i>The theory of higher infinitesimal symmetries of nonlinear partial differential equations</i>	985
	Vinokurov, V. A. <i>Extension of a linear mapping to a completion with preservation of injectivity</i>	376
032	On the error in the approximate solution of linear inverse problems.....	536
499	Regularizable functions in topological spaces and inverse problems.....	569
	Viro, O. Ja. <i>Construction of multicomponent real algebraic surfaces</i>	991

Višik, M. I. and Komeč, A. I. <i>Translationally homogeneous solutions of a stochastic Navier-Stokes system</i>	574
Višik, M. M. <i>On a non-Archimedean analogue of perturbation theory</i>	1244
Vlasov, V. I. <i>On the solution of the Dirichlet problem by expansion in a Fourier series</i>	1174
Volkov, E. A. <i>On an efficient method of cubic meshes for solving Laplace's equation on a parallelepiped, with discontinuous boundary conditions</i>	1142
<i>An exponentially converging method of conformal mapping of polygonal regions</i>	1404
Vollenberg, M. [Wollenberg] and Košmanenko, V. D. <i>On the structure of wave operators</i>	37
Volodarskaja, G. F. See Rubin, B. S.	
Vorožcov, E. V. See Janenko, N. N.	
Vuvunikjan, Ju. M. and Karakozov, S. D. <i>The V-principle and Paley-Weiner theorems for vector-valued generalized functions</i>	245
Vvedenskii, O. N. <i>Frequency of appearance of the Artin-Milne effect in elliptic curves</i> ..	337
Zaĭdenberg, M. G. and Lin, V. Ja. <i>On bounded domains of holomorphy that are not holomorphically contractible</i>	1262
Zamorzaeva, E. A. <i>Classification of regular divisions of the plane for similarity symmetry groups</i>	689
Žarinov, V. V. <i>Duality in families of locally convex subspaces</i>	792
Zel'manov, E. I. <i>Jordan nil-algebras of bounded index</i>	1188
Žensykbaev, A. A. <i>Monosplines deviating least from zero and best quadrature formulas</i> .	1257
Žiber, A. V., Ibragimov, N. H. and Šabat, A. B. <i>Equations of Liouville type</i>	1183
Žitarašu, N. V. and Eidel'man, S. D. <i>Necessary and sufficient conditions for stabilization of the solutions of model parabolic boundary value problems</i>	110
Ziza, O. A. <i>On the application of summability method of class (φ, λ) to orthogonal series</i>	14
Zlotnik, A. A. <i>A projection-difference scheme for the vibrating-string equations</i>	290
Žmud', E. M. <i>On finite groups having an irreducible complex character with one class of zeros</i>	795
Žukovskii, E. L. <i>The negentropy principle and regularization of linear systems</i>	578
Žuravlev, Ju. I. <i>Local algorithms over disjunctive normal forms</i>	286
Žurbenko, I. G. <i>On spectral density statistics obtained by means of a time shift</i>	547

574
244
174

142

404

37

245
337

262

689

792

188

257

183

110

14

290

795

578

286

547

DL

0

79

MI

